

SEQUENCE LISTING

<110> Hosted, Jr., Thomas J.
Horan, Ann C.

<120> Isolation of *Micromonospora carbonacea* var *africana*
pMLP1 integrase and use of integrating function for
site-specific integration into *Micromonospora*
halophitica and *Micromonospora carbonacea* chromosome

<130> IN01164K

<140>

<141>

<150> 60/204,670

<151> 2000-05-17

<160> 9

<170> PatentIn Ver. 2.1

<210> 1

<211> 1179

<212> DNA

<213> *Micromonospora carbonacea*

<400> 1

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<210> 2

<211> 426

<212> DNA

<213> *Micromonospora carbonacea*

<400> 2

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gccaggtgc tcggcctcga cctcgacgaa gccctcgccg ccgcaggtct gcgccccggc 240
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<210> 3
<211> 34
<212> DNA
<213> Micromonospora carbonacea

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<210> 4
<211> 241
<212> DNA
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<210> 5
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<212> DNA
<213> Micromonospora carbonacea

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<210> 6
<211> 247
<212> DNA
<213> Micromonospora carbonacea

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accgtacac gaaggcccc tccactcgga gggggccttc ggcgttcctg agggttcgcg 180
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<210> 7
<211> 255
<212> DNA
<213> Micromonospora halophytica

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<210> 8
<211> 315
<212> DNA
<213> Micromonospora halophytica

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taggggacag gtaggggaac tcaacccccg gtccttctt cgcgtcgggt catgccgtcc 240
gcgtaccctt ccgcgtacct ggccctctcc cgttccctga tctcggcggc gagctgatcg 300
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<210> 9
<211> 260
<212> DNA
<213> Micromonospora halophytica

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accccaggta agaccaggt cagggccggg tctcaccggc cctgacgcat ttccaggggc 180
atgggtgggg cgctaccggg ggtgggggtg ctcaccgcga gccagcatct cgatcaggcg 240
atcgagccgg cgctgccggg                                     260

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